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ABSTRACT

Information is presented on nonclassroom-based learning in Missouri higher education during the 1977-78 academic year. Only six institutions in the state reported using television, radio, newspaper, or correspondence study as a means of making college-level credit courses available to students. Correspondence study is a much more frequently used method in Missouri. Data are provided on undergraduate and graduate enrollment in credit television courses and in correspondence courses. Data are also presented for state and private institutions on the total undergraduate credit awarded by examination and by assessment of prior learning. It is concluded that these nontraditional instructional modes may be increasingly popular if segments of the population that have traditionally been underrepresented in higher education, such as older persons and minorities, become more active in pursuing college education.. The data obtained for 1977-78 will be used as a comparative base for future studies. (SW)

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REPORT 79-2

SUMMARY OF NONTRADITIONAL INSTRUCTIONAL ACTIVITIES IN MISSOURI, 1977-78

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PREFACE

This report is the second in the Research and Planning Series initiated by the Missouri Department of Higher Education this year. The information in this report was provided by the institutions to the MDHE for the first time during 1978 as a part of the Department's state level information system. The Division of Research and Planning is responsible for this report series.

TABLE OF CONTENTS

		PAGE
I.	Introduction	1
II.	Media and Correspondence Courses	2
III.	Credit Awarded by Examination	4
IV.	Credit by Assessment of Prior Learning	5
V.	Conclusion	6
VI.	Appendix	8

TABLES

		PAGE
Table 1.	Enrollment in Television Courses Offered for Credit By Missouri Higher Education Institutions, 1977-78	3
Table 2.	Enrollment in Correspondence Courses Offered for Credit By Missouri Higher Education Institutions, 1977-78	4
Table 3.	Total Undergraduate Credit Awarded by Examination, by Institutional Type, 1977-78	5
Table 4.	Undergraduate Credit Awarded by Assessment of Prior Learning, by Institutional Type, 1977-78	6
Table A-1.	Undergraduate Credit Awarded by Examination, by Institution, 1977-78	9-11
Table A-2.	Undergraduate Credit Awarded by Assessment of Prior Learning, by Institution, 1977-78	12-13

SUMMARY OF NONTRADITIONAL INSTRUCTIONAL ACTIVITIES IN MISSOURI, 1977-78

Introduction

This report presents an overview of non-classroom based learning in Missouri higher education during the 1977-78 academic year. Institutions provided information to the Missouri Department of Higher Education regarding the number of students receiving credit through non-classroom based learning experiences for the 1977-78 academic year. Since this is the first reporting period for this information, this report simply presents the base year data which were reported. In future years, it will be possible to examine the data to determine which activities are serving increasing numbers of students and to provide additional observations.

There are many ways in which a student may earn college credit in addition to the traditional classroom experience. Some of these "nontraditional" means of acquiring college credit, correspondence study for example, have been used by colleges and universities for many years in the United States. Other methods, such as delivering a course over regular television channels, are much more recent. Correspondence study and courses offered through the use of television, radio and the newspaper, however, all are merely variations in mode of delivery from the typical classroom situation. The student follows a given study plan, and credit is awarded based on the faculty member's evaluation of the student's success with the course material.

There are other ways of earning college credit which are neither time-bound nor campus-bound. An individual may gain college credit by providing evidence of his or her prior mastery of a certain body of knowledge in lieu of formal enrollment in a course for a given academic term. "Credit by examination" is one such method. This term is used to

refer to credit earned by successful performance on an examination designed to test one's mastery of a given body of knowledge. The College Level Examination Program (CLEP) developed by the College Entrance Examination Board has both general and subject matter examinations which are used extensively by colleges and universities in America and in Missouri. Other national examinations as well as examinations developed by the local faculties are also being used in Missouri.

At some institutions another process, usually referred to as "assessment of prior learning," "credit for experience," or "credit for experiential learning" is being used. Through this process members of the faculty review documentation of learning provided by an individual which occurred outside of formal instruction in a college or university. The number of credit hours awarded following the review is dependent upon the assessment of the individual's experiences according to explicitly stated institutional procedures for such assessment.

The following comments and tables are based on information available for 1977-78. Five institutions, St. Louis Community College, St. Louis University, Park College, Cottey College and Linn Technical College have not yet responded to the survey. There are notations in the tables which indicate those institutions for which only partial data were reported. Reported data are sufficient to observe that while the number of persons taking advantage of these opportunities is not great relative to total enrollment in higher education, nonetheless, the absolute number is substantial.

Media and Correspondence Courses

Only six institutions in the state reported using television, radio, newspaper or correspondence study as a means of making college-level credit courses available to students. Of these, only Southwest Missouri State University and Drury College, both located in Springfield, reported making courses available through the use of open circuit television. The following table shows that 1,111 undergraduate level credit hours were awarded for courses offered over television in the Springfield area in 1977-78.

TABLE 1. ENROLLMENT IN TELEVISION COURSES OFFERED FOR CREDIT BY MISSOURI HIGHER EDUCATION INSTITUTIONS, 1977-78

Institution	Undergraduate		Graduate	
	Headcount	Credit Hours	Headcount	Credit Hours
Southwest Missouri State University	179	652	4	12
Drury College	137	459	--	--
TOTAL	316	1,111	4	12

Source: MDHE Form 4-0, 1977-78

The University of Missouri participates in a consortium of institutions called University of Mid-America (UMA) which also uses open circuit television to make courses available to interested students. Students take examinations at specified learning centers where tapes of the courses are available for reviewing. Courses are offered over television channels in Columbia, Kansas City, Springfield and St. Louis by the four campuses of the University of Missouri. For 1977-78, enrollment in UMA courses was not separately reported.

Central Missouri State University is the only institution which reported credit course offerings over radio. A total of 308 undergraduate-level credit hours were awarded by Central Missouri State University to 108 students during 1977-78. Southwest Missouri State University is the only institution reporting enrollment in courses offered through the newspaper. In 1977-78, 381 semester credit hours at the undergraduate level were awarded to 154 students and 20 graduate credit hours were awarded to six students taking newspaper courses.

Correspondence study is a much more frequently used method of making courses available to non-classroom-based students in Missouri. Table 2 shows that nearly 11,000 undergraduate credit hours were awarded to students taking courses through correspondence study during 1977-78. Stephens College, through its "Stephens Without Walls" and independent study programs, and the University of Missouri-Columbia are the institutions in the state which offered most of the correspondence study

in 1977-78. Northeast Missouri State University, however, is also offering some correspondence courses at both the undergraduate and graduate levels.

TABLE 2. ENROLLMENT IN CORRESPONDENCE COURSES OFFERED FOR CREDIT BY MISSOURI HIGHER EDUCATION INSTITUTIONS, 1977-78

Institution	Undergraduate		Graduate	
	Headcount	Credit Hours	Headcount	Credit Hours
University of Missouri-Columbia	2,668	7,958	161	454
Northeast Missouri State University	190	571	14	42
Stephens College	369	2,432	--	--
TOTAL	3,227	10,961	175	496

Credit Awarded by Examination

Table 3 summarizes the number of credit hours awarded and the number of persons receiving such credit through the CLEP general examination, the CLEP subject examinations, other national examinations, and locally developed examinations. (Institution-by-institution detail is presented in Table A-1 in the Appendix to this report.) A total of 5,455 persons received undergraduate credit by taking an examination and scoring at the acceptable level on the test. Each institution establishes its own policy regarding the minimum score required on each examination for award of credit. During 1977-78, 42 campuses awarded 33,660 undergraduate semester credit hours based on performance on examinations. Fifty-seven percent of the credit hours were awarded through the CLEP general examination program. Slightly over 25% of the credit hours awarded by examination were granted for performance on locally developed examinations. The remaining 16% of the total credit hours were awarded through the CLEP subject examinations and other national examinations used by the institutions.

TABLE 3. TOTAL UNDERGRADUATE CREDIT AWARDED BY EXAMINATION, BY INSTITUTIONAL TYPE, 1977-78.

Institutional Type	Headcount	Credit Hours Awarded
STATE SECTOR		
University of Missouri	2,246	13,091
State Four-Year	1,054	7,714
State Two-Year	336	2,523
TOTAL STATE	3,636	23,328
INDEPENDENT SECTOR		
Independent Universities	485	1,630
Independent Four-Year	1,221	8,314
Independent Two-Year	27	104
TOTAL INDEPENDENT	1,733	10,048
TOTAL TECHNICAL & PROFESSIONAL	86	284
TOTAL	5,455	33,660

Most of the institutions have established policies regarding the maximum number of credit hours earned through examination which an individual may apply toward the total credit hour requirement for a degree from the institution. While the policies vary somewhat, generally up to 30 credit hours earned through the CLEP general examination program may be applied toward an undergraduate degree. More wide-ranging policies were reported for the CLEP subject examinations, other national examinations and local examinations. Institutions reported policies ranging from a maximum of 8 credit hours to 98 credit hours for CLEP subject examinations, from 12 to 96 credit hours for other national examinations, and from 15 to 96 credit hours for local examinations. Some institutions reported no established policy or no maximum limit.

Credit By Assessment of Prior Learning

Table 4 presents the number of students receiving academic credit at the undergraduate level through assessment of prior learning and also presents

the number of total credit hours awarded. (Table A-2 in the appendix to this report presents institution-by-institution detail.) Five state-supported institutions and twelve independent institutions reported awarding 14,863 undergraduate-level credit hours to 816 individuals who presented evidence that they had acquired knowledge for which college credit should be granted. Southwest Missouri State University is the only state-supported institution reporting a significant number of credit hours awarded through assessment of prior learning. Columbia College, Stephens College and Webster College accounted for 75% of the total credit hours awarded and 42% of the individuals receiving credit through assessment of prior learning.

TABLE 4. UNDERGRADUATE CREDIT AWARDED BY ASSESSMENT OF PRIOR LEARNING, BY INSTITUTIONAL TYPE, 1977-78

Institutional Type	Headcount	Credit Hours Awarded
STATE SECTOR		
University of Missouri	7	47
State Four-Year	160	1,722
State Two-Year	20	128
TOTAL STATE	187	1,897
INDEPENDENT SECTOR		
Independent Universities	--	--
Independent Four-Year	511	12,502
Independent Two-Year	41	316
TOTAL INDEPENDENT	552	12,818
TOTAL TECHNICAL & PROFESSIONAL	77	148
TOTAL	816	14,863

Conclusion

The 1977-78 academic year is the first year the Missouri Department of Higher Education has collected statistics regarding the instructional modes and assessment practices as described herein. The information

presented in this brief report will serve as a base year for future studies which will be able to determine trends in such activities in Missouri higher education. Institutions may find delivery modes such as television, radio and newspapers to be increasingly popular if segments of the population which have traditionally been underrepresented in higher education, such as older persons and minorities become more active in pursuing college education. Credit by examination and assessment of prior learning may also become more common as these underrepresented groups choose to participate more actively in pursuit of college degrees.

APPENDIX

TABLE A-1. UNDERGRADUATE CREDIT AWARDED BY EXAMINATION, BY INSTITUTION 1977-78

Institution	CLEP General Examination		CLEP Subject Examination		Other National Examination		Local Examination		Total Credit by Examination	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
STATE SECTOR										
University of Mo.										
UMC	353	4,853	58	322	73	379	1,253	4,213	1,737	9,767
UMKC	--	--	83	412	--	--	--	--	83	412
UMR	95	1,354	5	42	1	5	292	1,259	393	2,660
UMSL	10	124	12	84	11	44	--	--	33	252
Subtotal	458	6,331	158	860	85	428	1,545	5,472	2,246	13,091
State Four-Year										
Central	177	1,972	35	132	--	--	10	120	222	2,224
Harris-Stowe	--	--	--	--	--	--	--	--	--	--
Lincoln	122	NR	--	--	--	--	--	--	122	NR
Southern	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Western	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Northeast	226	2,785	88	224	--	--	--	--	314	3,009
Northwest	41	174	--	--	--	--	--	--	41	174
Southeast	--	--	113	339	--	--	82	246	195	585
Southwest	154	1,686	6	36	--	--	--	--	160	1,722
Subtotal	720	6,617	242	731	--	--	92	366	1,054	7,714
State Two-Year										
Crowder	2	21	--	--	--	--	3	20	5	41
E. Central	--	--	--	--	--	--	--	--	--	--
Jefferson	9	87	--	--	16	48	36	171	61	306
Metropolitan										
Longview	40	577	7	52	--	--	17	84	64	713
Maple Woods	14	162	21	166	--	--	80	427	115	755
Penn Valley	11	99	3	12	--	--	--	--	14	111
Pioneer	--	--	--	--	--	--	--	--	--	--
Mineral Area	1	6	1	3	--	--	--	--	2	9
Moberly	4	21	--	--	--	--	--	--	4	21
St. Louis Comm. Col.										
Florissant Valley	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Forest Park	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Meramec	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
State Fair	14	132	2	17	--	--	--	--	16	149
Three Rivers	18	216	2	12	--	--	22	66	42	294
Trenton	8	72	2	7	--	--	3	45	13	124
Subtotal	121	1,393	38	269	16	48	161	813	336	2,523
TOTAL STATE	1,299	14,341	438	1,860	101	476	1,798	6,651	3,636	23,328

TABLE A-1. (CONTINUED)

Institution	CLEP General Examination Headcount	CLEP General Examination Credit Hours	CLEP Subject Examination Headcount	CLEP Subject Examination Credit Hours	Other National Examination Headcount	Other National Examination Credit Hours	Local Examination Headcount	Local Examination Credit Hours	Total Credit by Examination Headcount	Total Credit by Examination Credit Hours
INDEPENDENT SECTOR										
Independent Universities										
Saint Louis Univ.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Washington	29	99	31	129	312	1,080	113	322	485	1,630
Subtotal	29	99	31	129	312	1,080	113	322	485	1,630
Independent Four-Year										
Avila	83	890	32	186	--	--	40	540	155	1,616
Cardinal Newman	--	--	--	--	--	--	--	--	--	--
Central Methodist	--	--	4	36	--	--	4	22	8	58
Columbia	NR	NR	14**	48**	21**	84**	11	33	46	165
Culver-Stockton	6	120	4	24	10	144	8	24	28	312
Drury	23*	378*	NR	NR	NR	NR	NR	NR	23	378
Evangel	102	1,645	7	40	3	18	42	293	154	1,996
Fontbonne	1	9	1	6	--	--	--	--	2	15
Hannibal-LaGrange	8	107	--	--	--	--	4	12	12	119
Lindenwood	NR	35*	NR	11*	--	--	--	--	NR	46
Maryville	1	16	3	16	--	--	107	214	111	246
Missouri Baptist	--	--	--	--	--	--	--	--	--	--
Missouri Valley	3	30	--	--	2	6	1	5	6	41
Park	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Rockhurst	5	38	13	51	10	51	1	8	29	148
School of Ozarks	106	649	88	100	--	--	18	49	212	798
Southwest Baptist	55	582	18	51	8	74	46	157	127	864
Stephens	--	--	--	--	11	51	--	-	11	51
Tarkio	4	72	--	--	--	--	4	24	8	96
Webster	17	148	5	32	--	--	--	--	22	180
Westminster	10	126	3	17	2	14	17	51	32	208
William Jewell	1	16	12	84	3	12	31	124	47	236
William Woods	5	59	1	3	143	550	39	129	188	741
Subtotal	430	4,920	205	705	213	1,004	373	1,685	1,221	8,314
Independent Two-Year										
Cottey	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Kemper	--	--	--	--	--	--	--	--	--	--
St. Mary's	--	--	1	3	--	--	15	75	16	78
St. Paul's	--	--	--	--	--	--	11	26	11	26
Wentworth	--	--	--	--	--	--	--	--	--	--
Subtotal	--	--	1	3	--	--	26	101	27	104
TOTAL INDEPENDENT	459	5,019	237	837	525	2,084	512	2,108	1,733	10,048

TABLE A-1. (CONTINUED)

Institution	CLEP General Examination Headcount	CLEP General Examination Credit Hours	CLEP Subject Examination Headcount	CLEP Subject Examination Credit Hours	Other National Examination Headcount	Other National Examination Credit Hours	Local Examination Headcount	Local Examination Credit Hours	Total Credit by Examination Headcount	Total Credit by Examination Credit Hours
TECH. AND PROF. SECTOR										
K.C. Art Inst.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
K.C. Col. Osteo. Med.	--	--	--	--	--	--	--	--	--	--
Kirksville Col. Osteo. Med.	--	--	--	--	--	--	--	--	--	--
Linn Tech.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Logan	--	--	--	--	--	--	--	--	--	--
Missouri Inst. Tech.	--	--	--	--	--	--	66	137	66	137
St. Louis Col. Pharm.	--	--	--	--	--	--	--	--	--	--
St. Louis Cons. Music	--	--	1	6	--	--	19	141	20	147
TOTAL TECH. AND PROF.	--	--	1	6	--	--	85	278	86	284
TOTAL	1,758	19,360	676	2,703	626	2,560	2,395	9,037	5,455	33,660

Source: MDHE Form 4-0, 1977-78

* Represents only partial data for Drury College and the Lindenwood Colleges.
** Columbia College, on-campus only.

TABLE A-2. UNDERGRADUATE CREDIT AWARDED BY ASSESSMENT OF PRIOR LEARNING, BY INSTITUTION, 1977-78

Institution	Credit for Prior Learning	
	Headcount	Credit Hours
STATE SECTOR		
University of Missouri		
Columbia	7	47
Kansas City	--	--
Rolla	--	--
St. Louis	--	--
Subtotal	7	47
State Four-Year		
Central Missouri State University	--	--
Harris-Stowe College	--	--
Lincoln University	--	--
Missouri Southern State College	NA	NA
Missouri Western State College	NA	NA
Northeast Missouri State University	--	--
Northwest Missouri State University	--	--
Southeast Missouri State University	--	--
Southwest Missouri State University	160	1,722
Subtotal	160	1,722
State Two-Year		
Crowder College	11	54
East Central Junior College	--	--
Jefferson College	--	--
Metropolitan Community Colleges		
Longview Community College	--	--
Maple Woods Community College	9	74
Penn Valley Community College	--	--
Pioneer Community College	--	--
Mineral Area College	--	--
Moberly Area Junior College	--	--
St. Louis Community College		
St. Louis Community College at Florissant Valley	NR	NR
St. Louis Community College at Forest Park	NR	NR
St. Louis Community College at Meramec	NR	NR
State Fair Community College	--	--
Three Rivers Community College	--	--
Trenton Junior College	--	--
Subtotal	20	128
TOTAL STATE	187	1,897
INDEPENDENT SECTOR		
Independent Universities		
Saint Louis University	NR	NR
Washington University	--	--
Subtotal	--	--
Independent Four-Year		
Avila College	--	--
Cardinal Newman College	--	--
Central Methodist College	--	--
Columbia College	179	3,496
Culver-Stockton College	21	387
Drury College	NA	NA
Evangel College	--	--

TABLE A-2. (CONTINUED)

Institution	Credit for Prior Learning	
	Headcount	Credit Hours
Fontbonne College	2	6
Hannibal-LaGrange College	2	9
Lindenwood Colleges	33	907
Maryville College	111	246
Missouri Baptist College	--	--
Missouri Valley College	--	--
Park College	NR	NR
Rockhurst College	--	--
School of the Ozarks	--	--
Southwest Baptist College	--	--
Stephens College	82	6,002
Tarkio College	--	--
Webster College	81	1,449
Westminster College	--	--
William Jewell College	--	--
William Woods College	--	--
Subtotal	511	12,502
Independent Two-Year		
Cottey College	NR	NR
Kemper Military School and College	--	--
St. Mary's College of O'Fallon	--	--
St. Paul's College	4	20
Wentworth Military Academy	37	296
Subtotal	41	316
TOTAL INDEPENDENT	552	12,818
TECHNICAL AND PROFESSIONAL SECTOR		
Kansas City Art Institute and School of Design	NA	NA
Kansas City College of Osteopathic Medicine	--	--
Kirksville College of Osteopathic Medicine	--	--
Linn Technical College	NR	NR
Logan College of Chiropractic	--	--
Missouri Institute of Technology	66	2
St. Louis College of Pharmacy	--	--
St. Louis Conservatory of Music	11	146
TOTAL TECHNICAL AND PROFESSIONAL	77	148
TOTAL	816	14,863

Source: MDHE Form 4-0, 1977-78